

## Chip Aluminum Electrolytic Capacitors

Classification	Series	Configuration	Applications	Category Temperature Range (°C)	Features					Rated Voltage Range (V.D.C)	Rated Capacitance Range (μF)	Tolerance on Rated Capacitance (%)	Page
					Standard type	Smaller-sized & low profile	Low impedance	Long life	Anti-cleaning solvent				
Surface Mount type	ZD	32	3.0mmL, Ultra-Smaller-Sized	-40 to +85	●			●		4 to 25	2.2 to 100	±20	105
	ZR	32	3.95mmL MAX. Standard	-40 to +85	●			●		4 to 50	0.1 to 220	±20	106
	ZE	32	3.95mmL MAX. Bi-Polarized	-40 to +85	●			●		6.3 to 50	0.1 to 47	±20	107
	ZG	32	3.95mmL MAX. Wide Temperature Range	-40 to +105	●			●		6.3 to 50	0.1 to 100	±20	108
	ZS	32	4.5mmL Standard	-40 to +85	●			●		4 to 50	0.1 to 220	±20	109
	ZP	32	4.5mmL, Bi-Polarized	-40 to +85	●			●		6.3 to 50	0.1 to 47	±20	110
	ZT	32	4.5mmL, Wide Temperature Range	-40 to +105	●			●		6.3 to 50	0.1 to 100	±20	111
	WX	32	5.5mmL, Standard	-40 to +85	●			●		4 to 50	0.1 to 330	±20	112
	WJ	32	5.5mmL, High Temperature Reflow	-40 to +85				●		6.3 to 50	0.1 to 150	±20	114
	WP	32	5.5mmL, Bi-Polarized	-40 to +85		●		●		6.3 to 50	0.1 to 100	±20	120
	WT	32	Wide Temperature Range	-55 to +105		●		●		4 to 50	0.1 to 1500	±20	116
	WZ	32	Wide Temperature Range High Temperature Reflow	-55 to +105				●		6.3 to 50	0.1 to 1500	±20	118
	WF	32	Low Impedance	-55 to +105			●	●		6.3 to 35	1 to 220	±20	121
	WG	32	Low Impedance	-55 to +105			●	●		6.3 to 50	1 to 1500	±20	122
	UP	32	6mmL, Bi-Polarized	-55 to +105	●			●		6.3 to 50	0.1 to 47	±20	124
	UT	32	6mmL, Wide Temperature Range	-55 to +105	●			●		4 to 50	0.1 to 100	±20	125
	UA	32	Long Life Assurance	-55 to +105				●	●	6.3 to 50	0.1 to 1000	±20	126
	UL	32	Long Life Assurance (105°C 5,000h)	-40 to +105				●	●	6.3 to 50	0.1 to 1000	±20	128
	CB	32	Long Life Assurance (105°C 7,000h)	-25 to +105				●	●	6.3 to 50	0.1 to 1000	±20	130
	CW	32	Long Life Low Impedance (105°C 7,000h)	-25 to +105			●	●	●	6.3 to 50	10 to 470	±20	132
	CD	32	Low Impedance	-55 to +105			●	●		6.3 to 100	1 to 3300	±20	134
	CL	32	Low Impedance	-55 to +105			●	●		6.3 to 50	10 to 2200	±20	136
	NEW CM	32	Low Impedance	-55 to +105			●	●		6.3 to 50	10 to 2200	±20	138
	UD	32	Low Impedance	-55 to +105			●	●		6.3 to 50	1 to 1500	±20	140
	WD	32	Low Impedance High Temperature Reflow	-55 to +105			●	●		6.3 to 50	1 to 1500	±20	142
	UB	32	High Reliability, For +125°C Use	-40 to +125				●	▲	10 to 400	1 to 330	±20	146
	WH	32	High Reliability (For +125°C Use) High Temperature Reflow	-40 to +125				●	●	10 to 50	10 to 330	±20	144
	LT	32	High Voltage, High Temperature Range(For +125°C Use)	-40 to +125	●			●		160 to 450	3.3 to 33	±20	147
	LH	32	High Voltage, High Reliability (For +125°C 4000h)	-40 to +125				●		160 to 450	2.2 to 27	±20	148
	CJ	32	High Reliability Low Temperature ESR specification	-40 to +125				●	●	10 to 50	10 to 470	±20	149
	CZ	32	High Reliability Low Temperature ESR specification	-40 to +125				●	●	10 to 100	10 to 470	±20	150
	NEW CX	32	High Reliability Low Temperature ESR specification	-40 to +135				●	●	10 to 50	47 to 3300	±20	152
	UR	32	High C / V	-40 to +85		●		●		4 to 100	3.3 to 1500	±20	154
	WS	32	High C / V High Temperature Reflow	-40 to +85				●		6.3 to 50	22 to 1500	±20	156
	UX	32	Higher Capacitance Range	-55 (-40) to +105					▲	6.3 to 400	1 to 1000	±20	158
	LR	32	High Voltage	-40 to +105		●				160 to 500	2.7 to 39	±20	160
LV	32	High Voltage, Long Life	-40 to +105				●		160 to 450	3.3 to 33	±20	161	
UQ	32	Wide Temperature Range	-40 to +105				●		6.3 to 50	0.1 to 1000	±20	279	
UG	32	Higher Capacitance Range	-40 to +85	●				▲	6.3 to 450	4.7 to 10000	±20	162	
UJ	32	Higher Capacitance Range	-55 (-40) to +105	●			●	▲	6.3 to 450	3.3 to 6800	±20	164	
UN	32	Bi-Polarized, Higher Capacitance Range	-55 to +105				●		6.3 to 100	22 to 3300	±20	166	
UE	32	Vibration Resistance (125°C)	-55 (-40) to +125				●	●	10 to 50	33 to 4700	±20	168	
BC	32	Vibration Resistance (150°C)	-55 (-40) to +150				●	●	10 to 50	33 to 3300	±20	169	

Above description is a feature against AK-225AES.  
▲ : Applicable up to 100V ratings or less.